

## SEQUENCE LISTING

&lt;110&gt; Leadd B.V.

&lt;120&gt; Apoptin-associating protein

&lt;130&gt; P51393EP00

&lt;140&gt; 99203465.2

&lt;141&gt; 1999-10-21

&lt;160&gt; 6

&lt;170&gt; PatentIn Ver. 2.1

&lt;210&gt; 1

&lt;211&gt; 17

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: pACT-specific 17-mer

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)..(17)

&lt;400&gt; 1

taccactaca atggatg

17

&lt;210&gt; 2

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Myc-tag

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (1)..(10)

&lt;400&gt; 2

Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu  
1 5 10

&lt;210&gt; 3

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: AAP-1 peptide

<220>  
<221> SITE  
<222> (1)..(16)

<400> 3  
Cys Thr Lys Thr Ser Glu Thr Asn His Thr Ser Arg Pro Arg Leu Lys  
1 5 10 15

<210> 4  
<211> 947  
<212> DNA  
<213> Human

<220>  
<221> misc\_feature  
<222> (1)..(947)  
<223> /note="AAP-1-a nucleic acid, wherein N can be A, C, G or T"

<400> 4  
accanaccca aaaaaagaga tctggaattc ggatcctcga ggccacgaag gccgaaacag 60  
tgctgaagcc tttaaatgca gcatctgcga tgtgaggaaa ggcacctcca ccagaaaacc 120  
tcggatcaat tctcagctgg tggcncaaca agtggcacia cagtatgcc cccaccacc 180  
ccctaaaaag gagaagaagg agaaagttga aaagcaggac aaagagaaac ctgagaaaga 240  
caaggaaatt agtcctagtgt ttaccaagaa aaataccaac aagaaaacca aaccaaagtc 300  
tgacattctg aaagatcctc ctagtgaagc aaacagcata cagtctgcaa atgctacaac 360  
aaagaccagc gaaacaaatc acacctcaag gccccggctg aaaaacgtgg acaggagcac 420  
tgacacagcag ttggcagtaa ctgtggggcaa cgtcacgctc attatcacag actttaagga 480  
aaagactcgc tcctcatcga catcctcatc cacagtgaac tccagtgcag ggtcagaaca 540  
gcagaaccag ascagctcgg ggtcagagag cacagacaag ggctcctccc gttcctccac 600  
gccaaagggc gacatgtcag cagtcaatga tgaatctttc tgaaattgca catggaattg 660  
tgaaaactat gaatcagggg atgaaattca aaacctccac ctgcccattg tgettgcac 720  
cctggagaat cttctgtgga catcgacctc ttagtgatgc tgccaggata atttctgctt 780  
gccatgggca tctggccacc aaggaatttc gcacctgac gattactctt gacactttta 840  
tgtattccat tgttttatat gattttccta acaatcattt ataattggat gtgctcctga 900  
atctactttt tataaaaaaa gccttygtgg cctcgagaga tctatga 947

<210> 5  
<211> 1131  
<212> DNA  
<213> Human

<220>  
<221> misc\_feature  
<222> (1)..(1131)  
<223> /note="AAP-1-b nucleic acid"

<400> 5  
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tcggatcctc gaggccacga aggcctttct cctccgagcg gcgcccgttt cggcttgagg 120  
ggggcggggt acagcccac ctagccatg ggcgacaaga agagcccagc caggccaaaa 180  
agacaagcga aacctgccgc agacgaaggg ttttgggatt gtagcgtctg caccttcaga 240  
aacagtgtctg aagcctttta atgcagcatc tgcatgtgta ggaaaggcac ctccaccaga 300  
aaacctcgga tcaattctca gctgggtggc caacaagtgg cacaacagta tgccacccca 360  
ccacccctta aaaaggagaa gaaggagaaa gttgaaaagc aggacaaaaga gaaacctgag 420

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aaagacaagg aaattagtc tagtggtacc aagaaaaata ccaacaagaa aaccaaacca 480
aagtctgaca ttctgaaaga tctctctagt gaagcaaaca gcatacagtc tgcaaagtgt 540
acaacaaaga ccagcgaaac aaatcacacc tcaaggcccc ggctgaaaaa cgtggacagg 600
agcactgcac agcagttggc agtaactgtg ggcaacgtca ccgtcattat cacagacttt 660
aaggaaaaga ctcgctcctc atcgacatcc tcatccacag tgacctccag tgcagggtca 720
gaacagcaga accagagcag ctcgggggtca gagagcacag acaagggtct ctcctgttcc 780
tccacgcaa aggcgacat gtcagcagtc aatgatgaat ctttgtgaaa ttgcacatgg 840
aattgtgaaa actatgaatc agggatgaa attcaaaacc tccacctgcc catgctgctt 900
gcacccctgg agaattctt gtggacatcg acctcttagt gatgctgcc ggataatttc 960
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ttttatgtat tccattgttt tatatgattt tcctaacaat catttataat tggatgtgct 1080
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&lt;210&gt; 6

&lt;211&gt; 352

&lt;212&gt; PRT

&lt;213&gt; Human

&lt;220&gt;

<223> /note="(partial) Amino-acid sequence of AAP-1-b  
wherein X stands for unknown amino-acid residue"

&lt;400&gt; 6

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His Glu Gly Leu Ser Pro Pro Ser Gly Ala Gly Phe Gly Leu Gly Gly
 1              5              10              15

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Ala Gly Tyr Ser Pro Ser Met Thr Met Gly Asp Lys Lys Ser Pro Thr
      20              25              30

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Arg Pro Lys Arg Gln Ala Lys Pro Ala Ala Asp Glu Gly Phe Trp Asp
      35              40              45

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```

Cys Ser Val Cys Thr Phe Arg Asn Ser Ala Glu Ala Phe Lys Cys Ser
      50              55              60

```

```

Ile Cys Asp Val Arg Lys Gly Thr Ser Thr Arg Lys Pro Arg Ile Asn
      65              70              75              80

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```

Ser Gln Leu Val Ala Gln Gln Val Ala Gln Gln Tyr Ala Thr Pro Pro
      85              90              95

```

```

Pro Pro Lys Lys Glu Lys Lys Glu Lys Val Glu Lys Gln Asp Lys Glu
      100             105             110

```

```

Lys Pro Glu Lys Asp Lys Glu Ile Ser Pro Ser Val Thr Lys Lys Asn
      115             120             125

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Thr Asn Lys Lys Thr Lys Pro Lys Ser Asp Ile Leu Lys Asp Pro Pro
      130             135             140

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Ser Glu Ala Asn Ser Ile Gln Ser Ala Asn Ala Thr Thr Lys Thr Ser
      145             150             155             160

```

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Glu Thr Asn His Thr Ser Arg Pro Arg Leu Lys Asn Val Asp Arg Ser
      165             170             175

```

Thr Ala Gln Gln Leu Ala Val Thr Val Gly Asn Val Thr Val Ile Ile  
180 185 190

Thr Asp Phe Lys Glu Lys Thr Arg Ser Ser Ser Thr Ser Ser Ser Thr  
195 200 205

Val Thr Ser Ser Ala Gly Ser Glu Gln Gln Asn Gln Ser Ser Ser Gly  
210 215 220

Ser Glu Ser Thr Asp Lys Gly Ser Ser Arg Ser Ser Thr Pro Lys Gly  
225 230 235 240

Asp Met Ser Ala Val Asn Asp Glu Ser Phe Xaa Asn Cys Thr Trp Asn  
245 250 255

Cys Glu Asn Tyr Glu Ser Gly Tyr Glu Ile Gln Asn Leu His Leu Pro  
260 265 270

Met Leu Leu Ala Ser Leu Glu Asn Leu Leu Trp Thr Ser Thr Ser Xaa  
275 280 285

Xaa Cys Cys Gln Asp Asn Phe Cys Leu Pro Trp Ala Ser Gly His Gln  
290 295 300

Gly Ile Ser His Pro Asp Asp Tyr Ser Xaa His Phe Tyr Val Phe His  
305 310 315 320

Cys Phe Ile Xaa Phe Ser Xaa Gln Ser Phe Ile Ile Gly Cys Ala Pro  
325 330 335

Glu Ser Thr Phe Tyr Lys Lys Ala Phe Val Ala Ser Arg Asp Leu Xaa  
340 345 350